

NOTICE OF INTENT

Department of Environmental Quality
Office of Air Quality and Radiation Protection
Air Quality Division

Under the authority of the Louisiana Environmental Quality Act, La. R.S. 30:2001 et seq., and in accordance with the provisions of the Administrative Procedure Act, La. R.S. 49:950, et seq., the secretary gives notice that rulemaking procedures have been initiated to amend the Air Quality Division regulations, LAC 33:III.2147 (Log #AQ150).

This revision to LAC 33:III.2147 provides an exemption from temperature monitoring, recordkeeping, and reporting requirements of this Section for vent streams on affected reactor processes and distillation operations having a Total Resource Effectiveness (TRE) index value greater than 4.0. The revision also provides for process change requirements and conditions for loss of exempt status. After consultation with EPA and industry, analysis of data and related regulations, and EPA policy decisions, the department finds it reasonable and permissible to provide for the exemption as requested by industry.

This proposed rule meets the exceptions listed in R.S. 30:2019 (D) (3) and R.S.49:953 (G) (3); therefore, no report regarding environmental/health benefits and social/economic costs is required.

A public hearing will be held on September 25, 1997, at 1:30 p.m. in the Maynard Ketcham Building, Room 326, 7290 Bluebonnet Boulevard, Baton Rouge, LA 70810. Interested persons are invited to attend and submit oral comments on the proposed amendments. Should individuals with a disability need an accommodation in order to participate please contact Patsy Deaville at the address given below or at (504) 765-0399.

All interested persons are invited to submit written comments on the proposed regulations. Commentors should reference this proposed regulation by AQ150. Such comments must be received no later than October 2, 1997, at 4:30 p.m., and should be sent to Patsy Deaville, Investigations and Regulation Development Division, Post Office Box 82282, Baton Rouge, LA 70884 or to fax number (504) 765-0486. Copies of this proposed regulation can be purchased at the above referenced address. You may contact the Investigations and Regulation Development Division at (504) 765-0399 for pricing information. Check or money order is required in advance for each copy of AQ150.

This proposed regulation is available for inspection at the following DEQ office locations from 8:00 a.m. until 4:30 p.m.: 7290 Bluebonnet Boulevard, 4th floor, Baton Rouge, LA 70810; 804 31st Street, Monroe, LA 71203; State Office Building, 1525 Fairfield Avenue, Shreveport, LA 71101; 3519 Patrick Street, Lake Charles, LA 70605; 3501 Chateau Boulevard West Wing, Kenner, LA 70065; 100 Asma Boulevard, Suite 151, Lafayette, LA 70508. This regulation is also available on the Internet at <http://www.deq.state.la.us/olae/irdd/olaereg.htm>.

Gus Von Bodungen
Assistant Secretary

Title 33
ENVIRONMENTAL QUALITY
Part III. Air

Chapter 21. Control of Emission of Organic Compounds

Subchapter J. Limiting Volatile Organic Compound (VOC) Emissions from Reactor Processes and Distillation Operations in the Synthetic Organic Chemical Manufacturing Industry (SOCMI)

§2147. Limiting VOC Emissions from SOCMI Reactor Processes and Distillation Operations

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[See Prior Text in A-D.1]

a. If the TRE value calculated using such engineering assessment and the TRE equation in Subsection D.6 of this Section is greater than 4.0, then it is not required that the owner or operator perform the measures specified in Subsection D.5, the monitoring requirements in Subsection E, or the reporting/recordkeeping requirements of Subsection F.1 of this Section. If a subsequent process change effects a reduction in the TRE index value to 4.0 or less, the owner or operator is immediately subject to all requirements of this Section that are applicable to a recalculated TRE value of 4.0 or less.

* * *

[See Prior Text in D.1.b-D.6.b]

7. Each owner or operator of ~~an affected facility seeking to comply with a vent stream subject to~~ Subsection C.2 of this Section shall recalculate the flow rate, ~~and TOC concentration, and TRE index value for that vent stream that affected facility whenever within two weeks of any process changes are made that could effect a change in one or more of these vent stream parameters.~~ The recalculations must be made using the methods and procedures contained in this Subsection. Examples of process changes include, but are not limited to, changes in production capacity, feedstock type, or catalyst type or replacement, removal, or addition of recovery equipment. The flow rate and concentration shall be recalculated based on test data or on best engineering estimates of the effects of the change to the recovery system.

8. Where ~~the~~ a TRE index value, recalculated ~~values~~ as required in Subsection D.7 of this Section, yields a TRE index value less than or equal to 1.0, the owner or operator shall, within one week of the recalculation, notify the administrative authority* ~~within one week of the process change and the results of the~~ recalculation and shall conduct a performance test, as provided in Subsection D.1.b and 5 of this Section, as soon as possible, but no later than 1890 days after the recalculation. If the recalculated of the TRE index according to the methods and procedures required by this Subsection value is verified by the performance test to be less than or equal to 1.0, the owner or operator is immediately subject to all requirements of this Section that are applicable to a recalculated TRE value of 1.0 or less.

9. ~~The following p~~Procedures contained in Subsection D.9.a-e of this Section shall be used to demonstrate that a process vent stream has a VOC concentration below 500 ppm by volume.

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[See Prior Text in D.9.a-Figure 1]

AUTHORITY NOTE: Promulgated in accordance with R.S. 30:2054.

HISTORICAL NOTE: Promulgated by the Department of Environmental Quality, Office of Air Quality and Radiation Protection, Air Quality Division, LR 21:380 (April 1995), amended LR 22:1212 (December 1996), LR